PA INC

QUERY CONTROL FORM		RTIS USE ONLY		
Application No. 10090016	Prepared by		Tracking Number	589854
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b. Applicant(s)	g. Disclaimer	I. Print Fig.	q. PTOL-85b		
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d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs		
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other		

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Again, without limiting the invention as to theory, it is believed that the surfactant and the ether (acting as a coupling agent) cooperate each with the other to minimize the effects of water contained in the diesel fuel during the combustion process. In the preferred practice of the present invention, the surfactant is at least one compound having the formula:

wherein R₃ is a long chain alkyl group, and preferably one containing 6 to 12 carbon atoms (e.g., heptyl, octyl, nonyl, decyl, etc.). R₄ is selected from the group consisting of hydrogen and lower alkyl (e.g., methyl, ethyl, propyl) and n is an integer averaging from 2 to 40, preferably 2 to 12. It is

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frequently preferred, in the practice of the present invention, to use combinations of the foregoing surfactants. For example, it is possible and sometimes desirable to employ an ethoxylate wherein R. is lower alkyl and/or an ethoxylated compound where R.